

ABSTRACT

An optical transceiver includes a main body that serves as the heat sink for the optical transceiver. A wafer-level package is attached to a first face of the main body. The wafer-level package contains at least one optoelectronic device such as a light-emitting
5 device or a light detector. An alignment element is attached to the wafer-level package for aligning an optical fiber to the optoelectronic device. A fiber receptacle is attached to the main body for holding the optical fiber securely. One or more auxiliary components can be attached to a second face of the main body. An optional cover can be attached to the main body to cover and protect the auxiliary components. A flexible circuit is made
10 of a pliable material and is attached to the main body. The flexible circuit electrically couples the auxiliary components and the wafer-level package.